

ABSTRACT

A high-speed wireless data system for providing services for either a public wireless network terminal or a private wireless network terminal, the system comprising: a base station for assigning an Unicast Access Terminal Identifier to each of terminals of the public wireless network and the private wireless network through a wireless channel to provide services of the high-speed wireless data system for each of the terminals; a base station controller for controlling implementation of different authentications for the terminals, assignment of an Unicast Access Terminal Identifier to each terminal, management of a session for each terminal, and data transmitted or received by each terminal; a private authentication system including an authentication database for authenticating the private wireless network terminal; a data location register including service information of the public wireless network terminal and information for receiving services from the private wireless network of the private wireless network terminal; and a hub for intermediating data between the base station, the base station controller, and the private authentication system, the hub discriminating between private wireless network services and public wireless network services by means of Unicast Access Terminal Identifiers received from the terminals.